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L2	ANSWER 74 QF 267 CA COPYRIGHT 2004 ACS OR STN				
AN	129:84972 CA				
ED	Entered STN: 08 Aug 1998				
TI	Nonflammable fibrous products, and their use				
IN	Wihsmann, Marc; Ebner, Lothar				
PA	Protekum Umweltinstitut G.m.b.H. Oranienburg, Germany				
so					
	CODEN: GWXXBX				
DT	Patent				
LA	German				
IC	ICM F16L059-04				
	ICS E04B001-94; E04B001-74; C04B016-06; C04B022-10				
CC	58-4 (Cement, Concr	ete. a	nd Related	Building Materials)	
	CNT 2	,			
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19654836	A1	19980625	DE 1996-19654836	19961223
	EP 946809	A2	19991006	EP 1997-954717	19971222
	EP 946809	B1	20011017		
	R: AT, BE, CH,	DR. DI	C. FR. GB. 1	LI. LU. NL. SE	
		Е	20011115	AT 1997-954717	19971222
	TTO 4084008	A	20000711	AT 1997-954717 US 1999-331388	19990618
DDA'	DE 1996-19654836 DE 1996-29622593	Α.	19961223		
2 1011.	DE 1996-29622593	11	19961223		
	WO 1997-DE3031	w	19971222		
CLAS					
PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES					
	19654836 ICM	F161.059	-04		
DE 19654836 ICM F16L059-04 ICS E04B001-94; E04B001-74; C04B016-06; C04B022-10					
US 6086998 ECLA C04B028/02; C04B030/02; E04B001/74					
AB The fibrous products contain cellulose fibers 20-70,					
CaCO3 15-45, cationic surfactant 0.01-1, biol. active, in water					
not readily sol, surfactant 0.05-1, or CaO2 0.25-6.5 wt.%, and					
balance fillers, and, optionally, .gtoreq.1 biocides. The fillers are					
selected from .gtoreg.1 of Al203, SiO2, MgO, Ca silicates,					
	aluminosilicates. B	aSO4. N	a2CO3, KCl.	K2CO3, CaF2, and Fe of	xides. The
fibrous products are used as blown thermal insulation, for manufg. molded					
	products, and as fi	re-resi	stant and t	hermally insulating pa	mels.
ST					
	fiber waste thermal insulator; calcium carbonate thermal				
	insulator: surfactant cationic monionic thermal insulator;				
	peroxide calcium silicate fluoride thermal insulator; binder filler thermal insulator; biocide thermal insulator; alumina filler thermal				
	insulator; silica filler thermal insulator; magnesia filler thermal				
٠.	insulator, aluminosilicate filler thermal insulator; barium sulfate filler				
	thermal insulator: sodium carbonate filler thermal insulator; potassium				
	chloride carbonate filler; iron oxide filler thermal insulator; thiuronium				
	salt surfactant				
IT	Surfactants				
~ .	Dur rac comes				

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